Introductory Webinar: Part II
The K-12 Learning Infrastructure
Program & Wi-Fi Upgrade Initiative

January 20, 2016

VIRGINIA DEPARTMENT OF EDUCATION

http://www.doe.virginia.gov/support/technology/edtech_plan/infrastructure_program/index.shtml
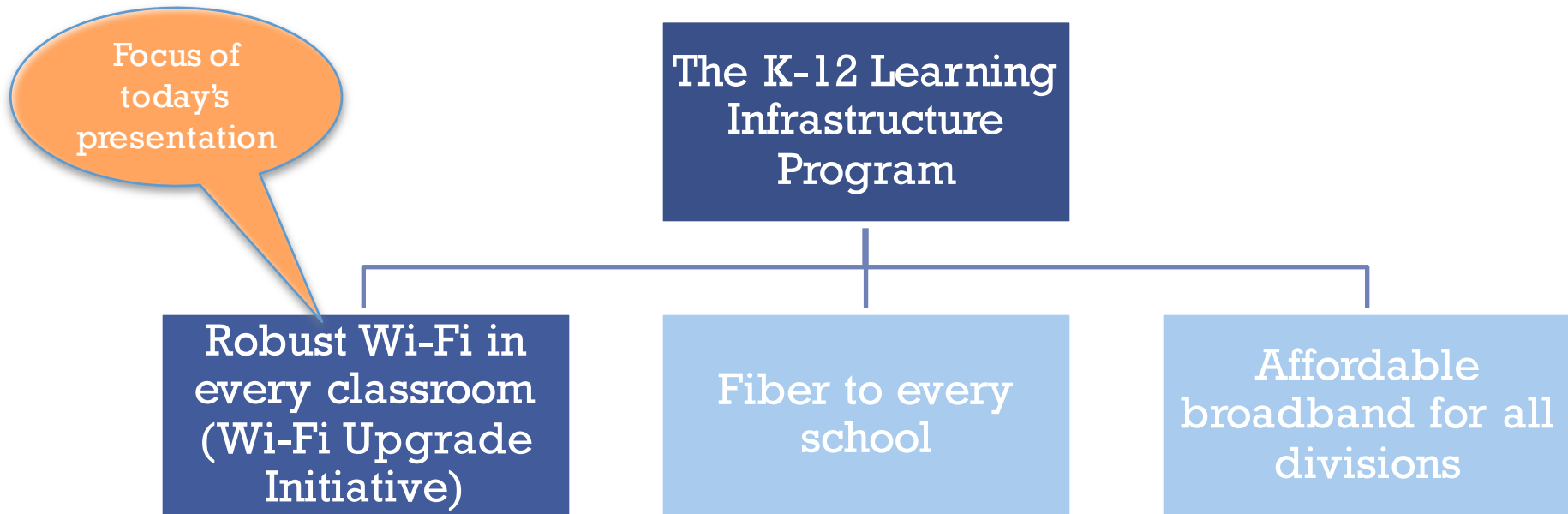
Agenda

- Project Overview

- Budget Overview

- RFP Overview

- E-Rate & Mini-Bid Process

Project Overview

The Project

This year, the Department of Education is working to ensure that all divisions have the network infrastructure needed to support digital learning in their classrooms.

Focus of today's presentation

The K-12 Learning Infrastructure Program

Robust Wi-Fi in every classroom (Wi-Fi Upgrade Initiative)

Fiber to every school

Affordable broadband for all divisions

The Wi-Fi Upgrade Initiative

The Virginia Department of Education (VDoE) is partnering with EducationSuperHighway and the Friday Institute to help upgrade Wi-Fi and internal connections in classrooms across Virginia.

The goal is to create a sustainable Wi-Fi upgrade initiative available to all divisions by establishing statewide contracts for common internal network equipment. The DoE is also pursuing funding for divisions' non E-rate costs, centralized E-rate support, network security, and engineering.

Contract and Benefits

All K-12 public schools that file for E-rate are eligible for this program, though are not obligated to participate.

The Contract

- Divisions will have the ability to participate in a statewide 470 for the upcoming e-rate cycle
- The contract will offer a range of options for switches, access points, and other e-rate Category 2 eligible equipment

Benefits to Divisions

- Freedom from the administrative overhead of the RFP process
- Access to the buying power and volume discounts of the state
- Menu of options and choices across switches, access points, and other E-rate Category 2 eligible equipment

Budget Overview

Budget Update

Governor's budget released December 17 and included:

- 1 FTE E-rate support within DoE

- NOT included: Funding for non-E-rate share
  - Divisions not likely to receive additional state funding for LAN/Wi-Fi this year
  - "At risk" add on funds can be used for LAN/Wi-Fi
  - VPSA funds may be eligible for LAN/Wi-Fi
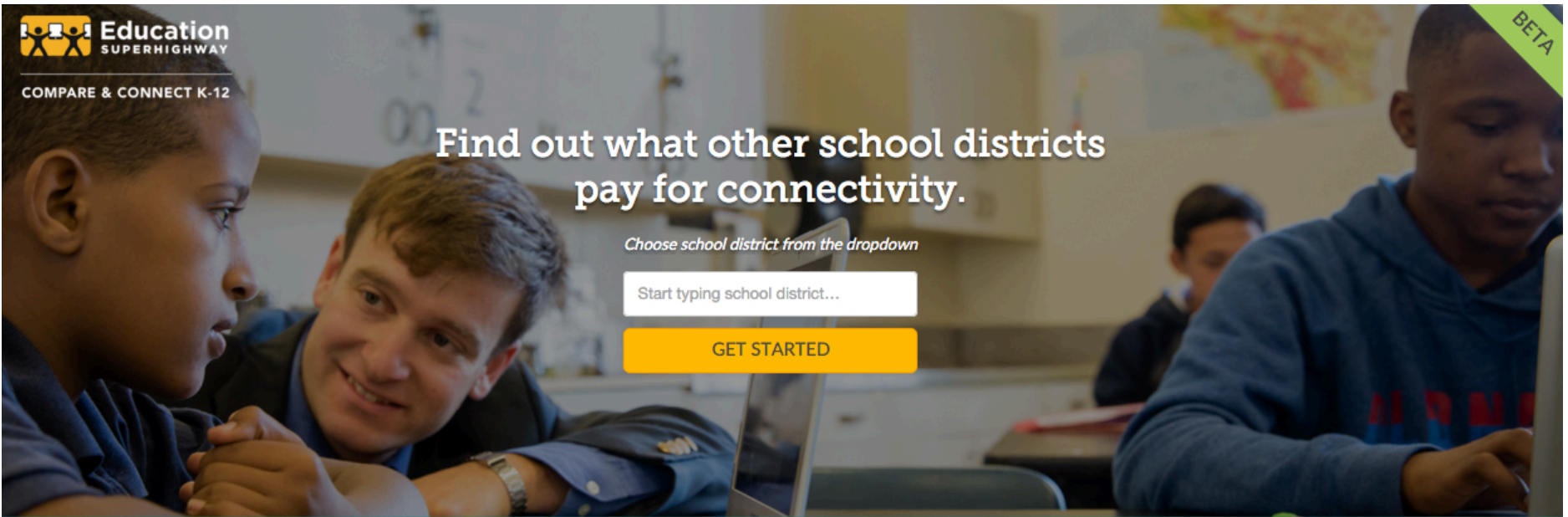
RFP Overview

RFP Overview

Equipment and Services included in RFP:

- Switches

- Routers

- Wireless Equipment

- Security (Firewalls)

- Bundled Maintenance

- Cabling

- Professional Services (design, installation, tech support, training)

- Managed Services

Update from VITA

- **Category 2** – Status of the current C2 RFP
  - Bids are due tomorrow (January 21, 2015)
  - Great participation in pre-bid conference

- **Cabling IFB** – Overview and update
  - Will be released soon

- **Category 1** – Affordable Broadband Bid

Live this month: Compare & Connect K-12

E-Rate & Mini-Bid Process

E-Rate Process

Dec '15	Jan '16	Feb '16	Mar '16
RFP Prep	**RFP Open**	**Selection**	**Mini-Bid/471**
• RFP is released • State files 470	• RFP window closes • Divisions prep for mini-bid	• Vendors are selected • Division-led evaluation committee awards contracts	• Divisions evaluate their options according to a mini-bid process and file 471s

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Mini-Bid Process

- Applicants do not need to post a Form 470

- Applicants must conduct a bid evaluation for all service providers able to provide services to the applicant under these contracts (a mini-bid)

- To conduct a mini-bid, the applicant determines the factors to use for its evaluation – with the **price of the eligible products and services as the most heavily-weighted factor** – scores the service providers appropriately, and chooses the most cost-effective solution

- SLD examples of bid evaluations:
  http://usac.org/sl/applicants/step02/evaluation.aspx

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Prepping for Your Mini-Bid/471

- Log into EPC, the E-rate Productivity Center
  - Add any user or consultant that needs access to EPC
  - Confirm that all your sites, including non-instructional facilities (NIFs) are in EPC
  - Confirm addresses and contact information is correct
  - User guides and video tutorials can be found http://www.usac.org/sl/tools/e-rate-productivity-center/default.aspx
  - If you have problems, contact the SLD Client Service Bureau, 888-203-8100

Category 2 Planning

- Determine your Category Two needs for each site
  - Switches
  - Routers
  - Firewall
  - Wireless Access Points
  - Maintenance

- Figure your Category Two budget for each site
  - $150 pre-discount per student per school
    - Funds may not be shared across sites
    - Equipment at NIFs must be cost allocated as an expense for each school
    - Example: School with 300 students and a 70% E-rate discount would get $150 x 300 = $45,000 pre-discount. Funding would be $31,500

- Begin determining your selection criteria for your mini-bid process

CIPA Requirements

- Internet Safety Policy must address:
  - Access by minors to inappropriate matter on the Internet and World Wide Web
  - The safety and security of minors when using electronic mail, chat rooms, and other forms of direct electronic communications
  - Unauthorized access including "hacking" and other unlawful activities by minors online
  - Unauthorized disclosure, use, and dissemination of personal information regarding minors
  - Measures designed to restrict minors' access to materials harmful to minors
  - Monitoring the online activities of minors
  - Provide for educating minors about appropriate online behavior

- Technology Protection Measure to block or filter Internet access

- Public Notice and Hearing or Meeting to address the protection measure and Internet Safety Policy

Summary & Next Steps

- State K-12 contracts for Cat 2 equipment (APs, switches, etc.)
  - Multiple winners representing the most common manufacturers

- Benefits:
  - Convenience
  - E-rate peace of mind
  - Volume discounts

- Bids due tomorrow & 471s due end of March. Between then and now:
  - Determine your needs & prepare mini-bid evaluation criteria
  - Login to EPC portal to prepare 471
  - Attend regular E-rate/Project communications

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Temperature Check

Questions?

Contacts

Project website
http://www.doe.virginia.gov/support/technology/edtech_plan/infrastructure_program/index.shtml
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